

South White Lake Shoreline Protection (ME-22)

Project Status

Approved Date: 2003 **Project Area:** 5,222 acres
Approved Funds: \$1.6 M **Total Est. Cost:** \$25 M
Net Benefit After 20 Years: 702 acres
Status: Engineering and Design
Project Type: Shoreline Stabilization

Location

The project is located along the southern shoreline of White Lake from Will's Point to the western shore of Bear Lake in Vermilion Parish, Louisiana.

Problems

The south shoreline of White Lake is retreating at an estimated average rate of 15 feet per year as a result of wind-induced wave energy. As the shoreline erodes, it could breach low marsh management levees and increase interior marsh loss rates in the area.

Restoration Strategy

This project calls for construction of segmented breakwaters to protect approximately 55,000 linear feet of shoreline. The breakwaters will be constructed with gaps to allow aquatic organisms and water to move freely. An estimated 270,000 tons of stone will be placed on geotextile fabric. A flotation channel will be required for construction access, and material dredged to build the access channel will be placed either in front of or behind the breakwater.

Progress to Date

The Louisiana Coastal Wetlands Conservation and Restoration Task Force approved engineering and design funding at their January 2003 meeting. Engineering and design development has begun.

This project is on Priority Project List 12.



Segmented rock breakwaters such as the one being constructed above will provide protection for White Lake's eroding shoreline.

For more project information, please contact:



**US Army Corps
of Engineers®**
New Orleans District

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U.S. Army Corps of Engineers
New Orleans, LA
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Local Sponsor:
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White Lake

Bear
Lake

Pecan Island

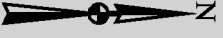
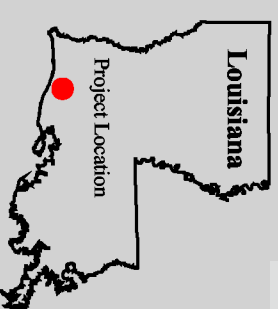


Rock Dike*



Project Boundary

*denotes proposed features



Map Produced By:
U.S. Department of the Interior
U.S. Geological Survey
National Wetlands Research Center
Coastal Restoration Field Station

Background Imagery:
Thematic Mapper Satellite Imagery 2000

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